

Applicants: Daniel S. Kwoh et al.

Appl. No.: 09/223,431

For: APPARATUS AND METHODS FOR VOICE TITLES

Agent: Patrick J. Zhang Reg. No. 52,394

Replacement Sheet

Docket No.: IS/082

Filed: December 30, 1998

Fore Apparatus And Methods For Voice Titles

Express Mail No. EV37174

Express Mail No. EV371749665US

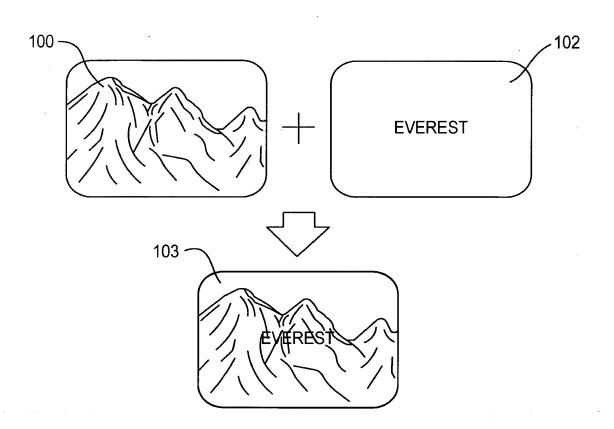


FIG. 1 PRIOR ART

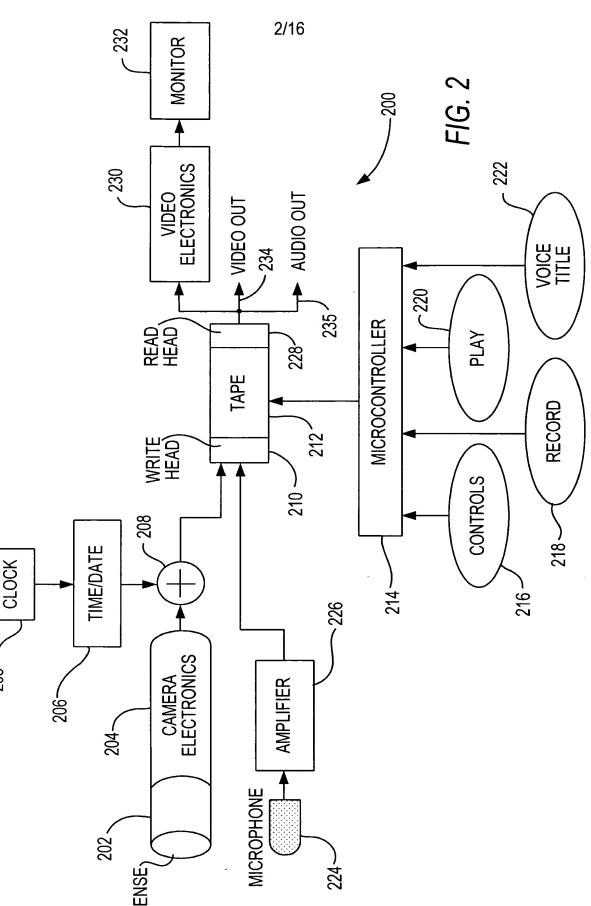
Applicants: Daniel S. Kwoh et al.

Appl. No.: 09/223,431 Fil.

For: APPARATUS AND METHODS FOR VOICE TITLES
Agent: Patrick J. Zhang Reg. No. 52,394 Explacement Sheet Docket No.: IS/082 Filed: December 30, 1998 Sheet 2 of 16

205

Express Mail No. EV371749665US



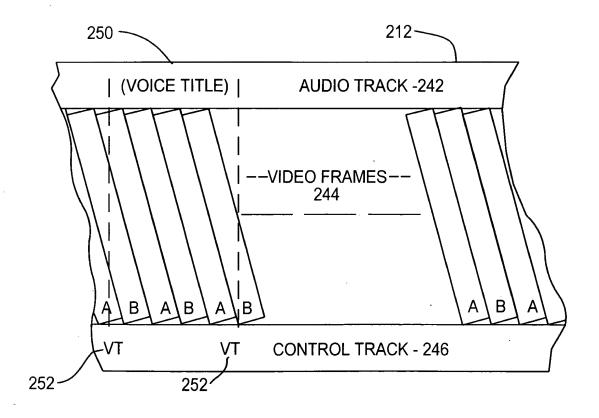
Applicants: Daniel S. Kwoh et al.

Appl. No.: 09/223,431 File
For: APPARATUS AND METHODS FOR VOICE TITLES
Agent: Patrick J. Zhang Reg. No. 52,394 Exp
Replacement Sheet Filed: December 30, 1998

Sheet 3 of 16 Express Mail No. EV371749665US

Docket No.: IS/082

FIG. 3



Appl. No.: 09/223,431

 $32^{\circ}$ 

32 —

DIRECTORY DISPLAY -32e

For: APPARATUS AND METHODS FOR VOICE TITLES

-32q

32a-

ENTER

MODIFY

Filed: December 30, 1998 Sheet 4 of 16

2

≥

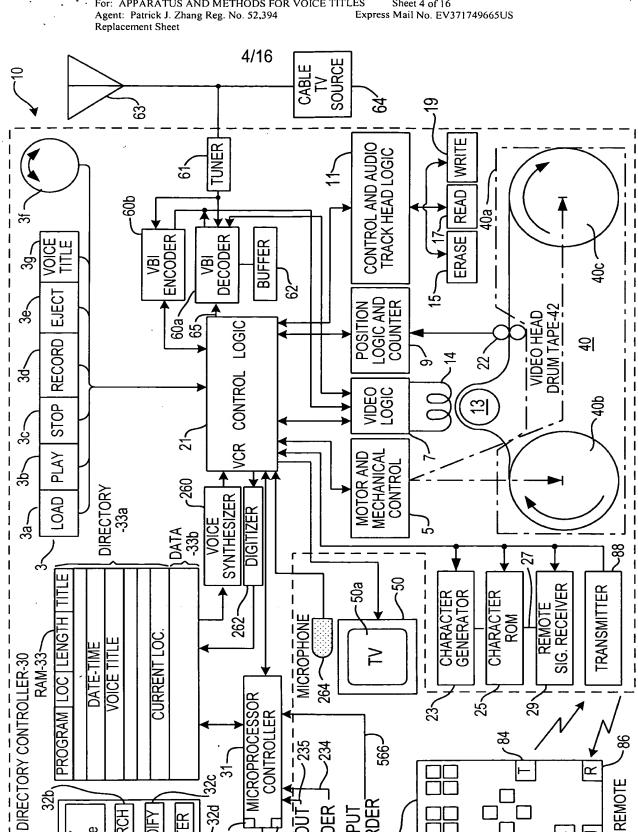
8

ဟ

82

REMOTE

Docket No.: IS/082



FROM CAMCORDER

2

FROM CAMCORDER MEMORY OUTPUT

VIDĒ Ö/AUDIO OU

31b

Applicants: Daniel S. Kwoh et al. Appl. No.: 09/223,431

For: APPARATUS AND METHODS FOR VOICE TITLES
Agent: Patrick J. Zhang Reg. No. 52,394 Exp

Filed: December 30, 1998 Sheet 5 of 16

Docket No.: IS/082

Express Mail No. EV371749665US

Replacement Sheet

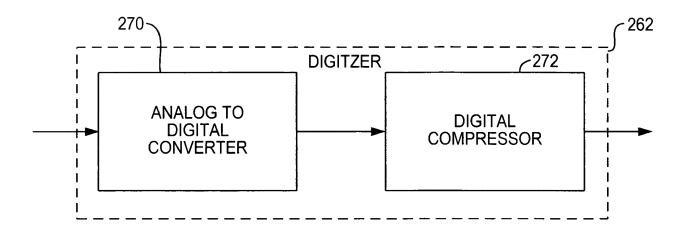


FIG. 5

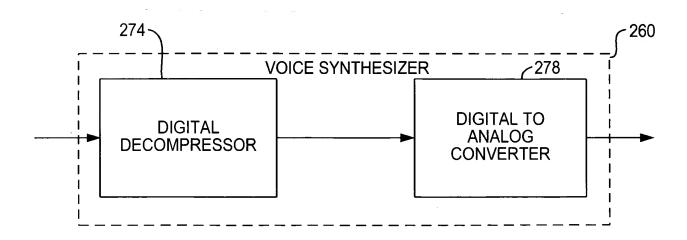


FIG. 6

Applicants: Daniel S. Kwoh et al.

Appl. No.: 09/223,431

For: APPARATUS AND METHODS FOR VOICE TITLES

Agent: Patrick J. Zhang Reg. No. 52,394

Replacement Sheet

Docket No.: 1S/082

Filed: December 30, 1

Sheet 6 of 16

Express Mail No. EV3

Docket No.: IS/082 Filed: December 30, 1998

Express Mail No. EV371749665US

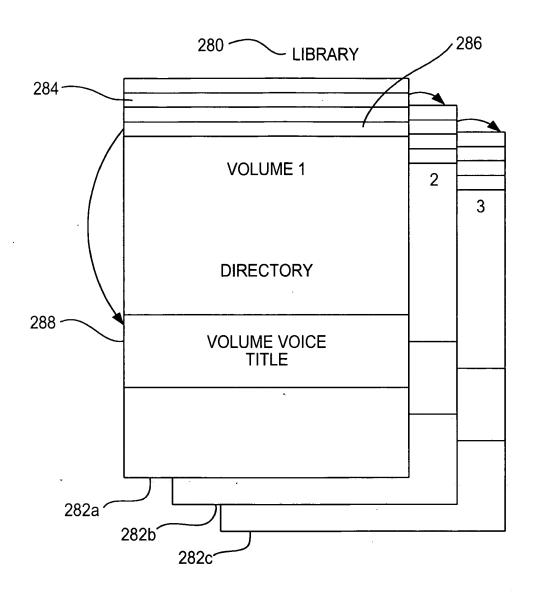


FIG. 7

Appl. No.: 09/223,431 For: APPARATUS AND METHODS FOR VOICE TITLES Sheet 7 of 16

Agent: Patrick J. Zhang Reg. No. 52,394

Filed: December 30, 1998

Docket No.: IS/082

Express Mail No. EV371749665US

Replacement Sheet

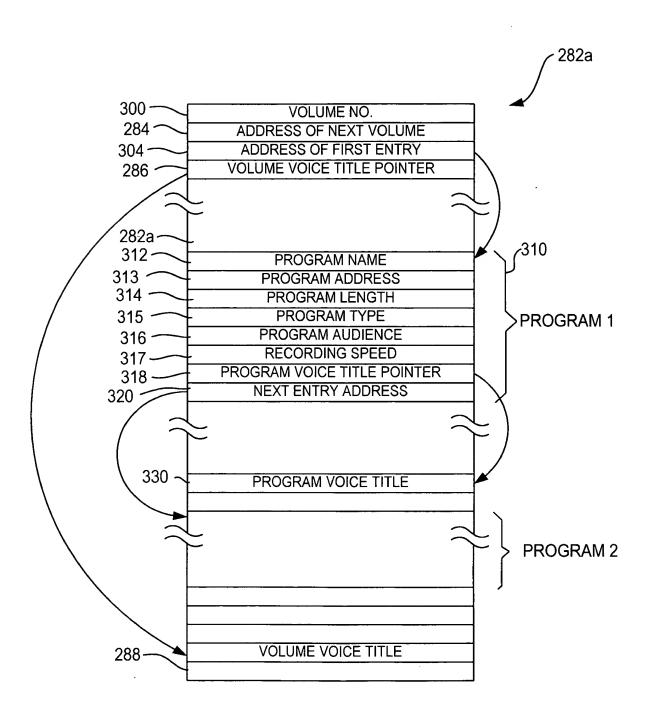


FIG. 8

Appl. No.: 09/223,431

For: APPARATUS AND METHODS FOR VOICE TITLES Sheet 8 of 16

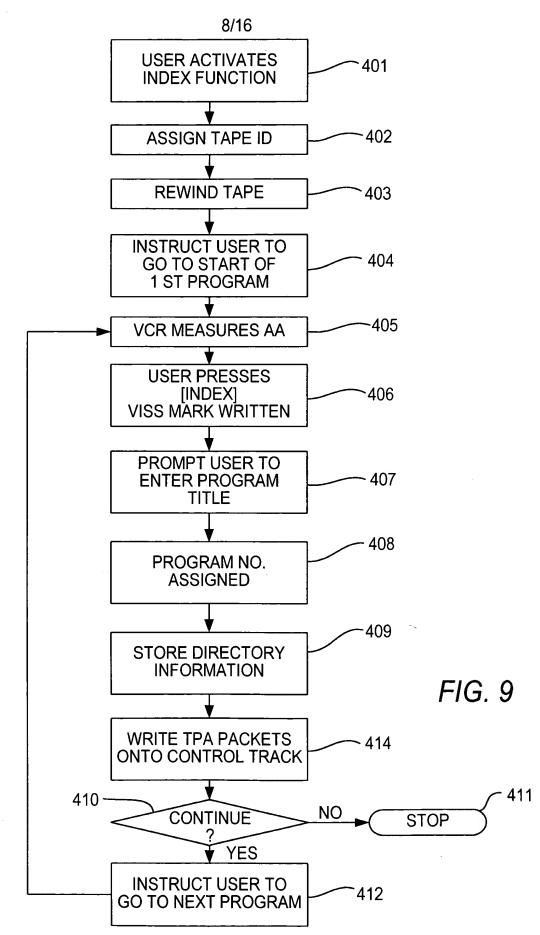
Agent: Patrick J. Zhang Reg. No. 52,394

Filed: December 30, 1998

Docket No.: IS/082

Express Mail No. EV371749665US

Replacement Sheet



Applicants: Daniel S. Kwoh et al. Docket No.: IS/082 Appl. No.: 09/223,431
For: APPARATUS AND METHODS FOR VOICE TITLES
Agent: Patrick J. Zhang Reg. No. 52,394
Ex
Replacement Sheet Filed: December 30, 1998 Sheet 9 of 16 Express Mail No. EV371749665US 9/16 ENO ENO TRA TRA TRA TRA LVISS TRA TRA TRA TRA TRA TRA LVISS TRA TRA TRA TRA TRA ABSOLUTE ADDRESS START OF PROGRAM 3 444 **PROGRAM NUMBER** FIG. 11 START OF PROGRAM 2 TPA PACKET FORMAT TAPE ID NUMBER 434 440 START OF PROGRAM 1 **NISS** RETROACTIVELY INDEXED TAPE VIDEO FRAMES **AUDIO TRACK** 

FIG. 10

245~

CONTROL TRACK

Docket No.: IS/082 Appl. No.: 09/223,431 Filed: December 30, 1998 For: APPARATUS AND METHODS FOR VOICE TITLES Sheet 10 of 16

Agent: Patrick J. Zhang Reg. No. 52,394

Express Mail No. EV371749665US

Replacement Sheet

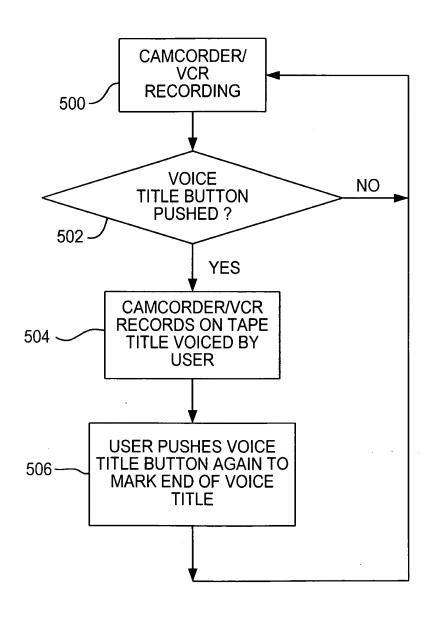


FIG. 12

Docket No.: IS/082 Filed: December 30, 1998 Appl. No.: 09/223,431 For: APPARATUS AND METHODS FOR VOICE TITLES Sheet 11 of 16

Agent: Patrick J. Zhang Reg. No. 52,394.

Express Mail No. EV371749665US

Replacement Sheet

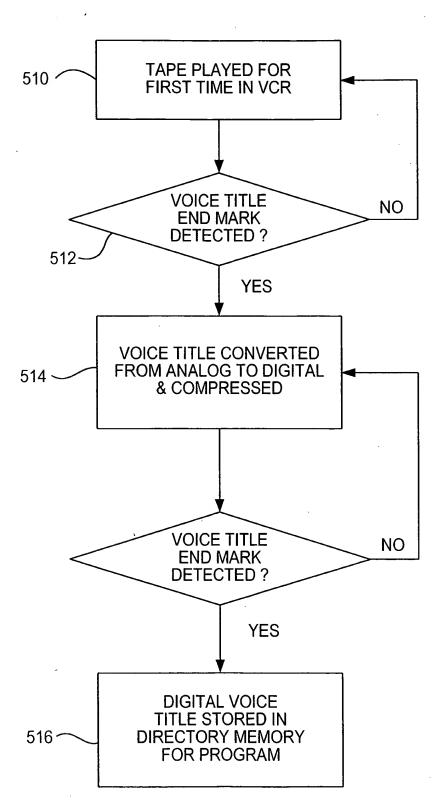


FIG. 13

Appl. No.: 09/223,431

For: APPARATUS AND METHODS FOR VOICE TITLES Sheet 12 of 16

Agent: Patrick J. Zhang Reg. No. 52,394

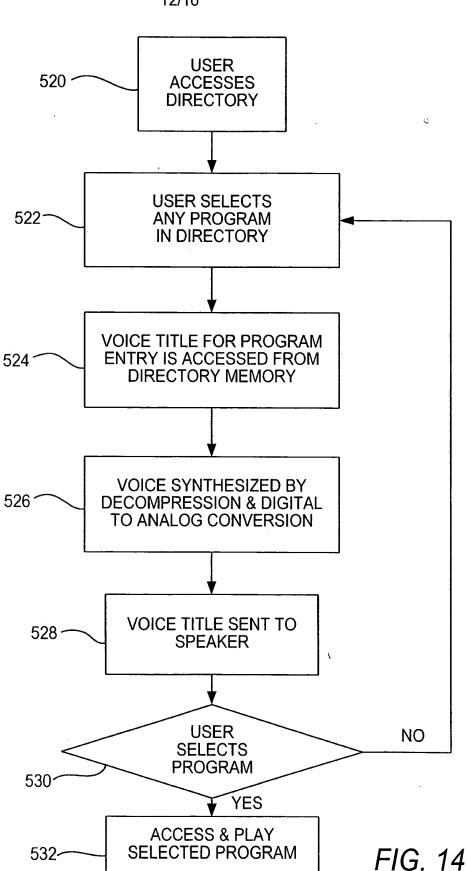
Express Mail No. EV371749665US

Replacement Sheet

Docket No.: IS/082

Filed: December 30, 1998





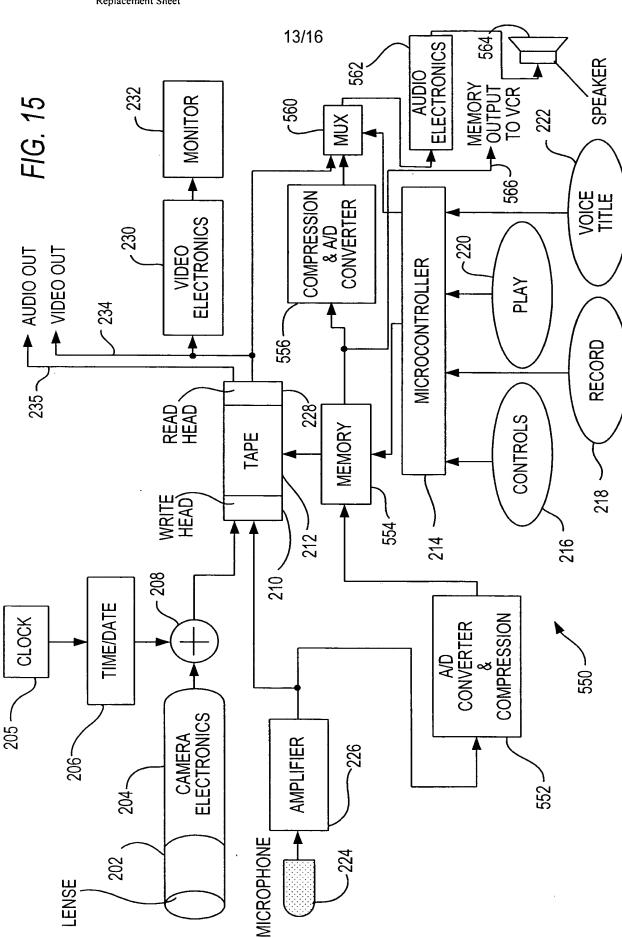
Applicants: Daniel S. Kwoh et al. Appl. No.: 09/223,431

For: APPARATUS AND METHODS FOR VOICE TITLES

Agent: Patrick J. Zhang Reg. No. 52,394 Replacement Sheet

Docket No.: IS/082 Filed: December 30, 1998 Sheet 13 of 16

Express Mail No. EV371749665US



Applicants: Daniel S. Kwoh et al.

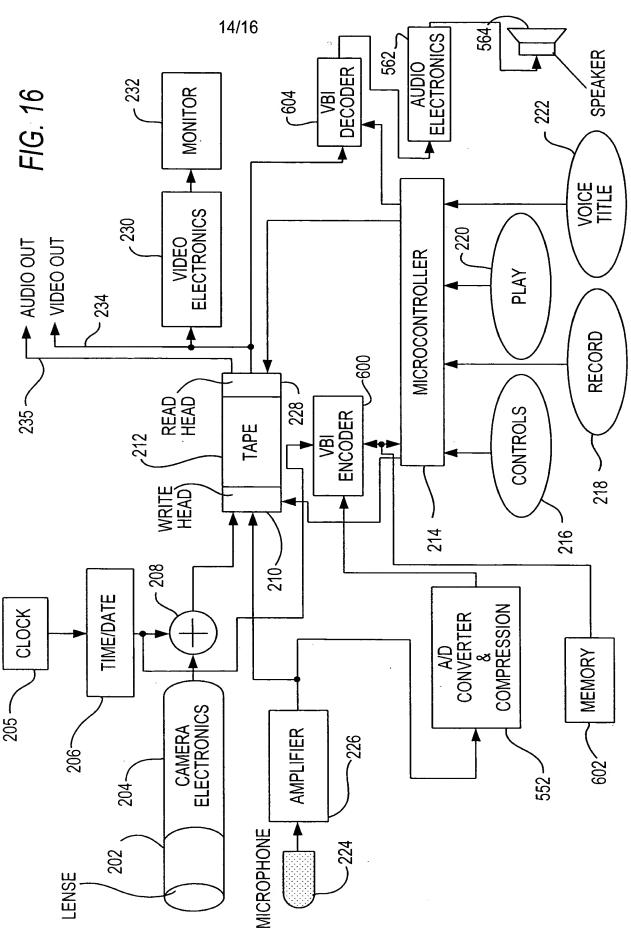
Appl. No.: 09/223,431

For: APPARATUS AND METHODS FOR VOICE TITLES
Agent: Patrick J. Zhang Reg. No. 52,394

Replacement Sheet

Docket No.: IS/082 Filed: December 30, 1998 Sheet 14 of 16

Express Mail No. EV371749665US



Appl. No.: 09/223,431 For: APPARATUS AND METHODS FOR VOICE TITLES

Agent: Patrick J. Zhang Reg. No. 52,394

Docket No.: IS/082 Filed: December 30, 1998 Sheet 15 of 16

Express Mail No. EV371749665US

Replacement Sheet

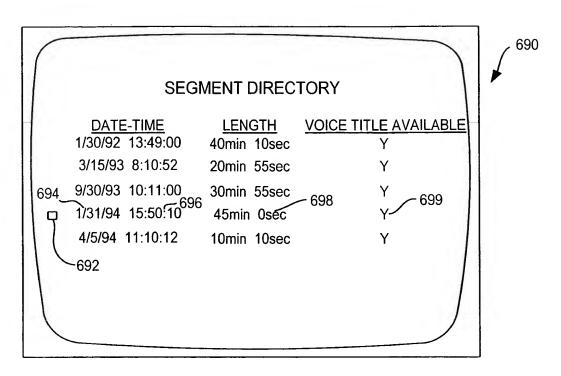


FIG. 17

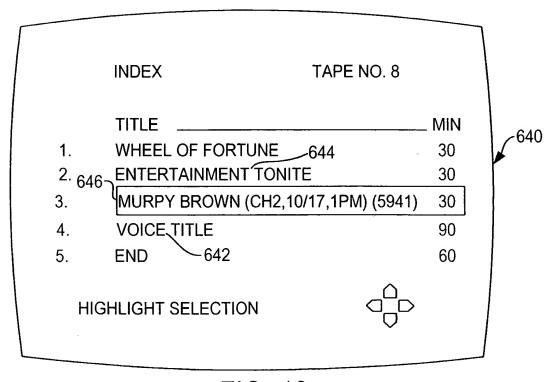


FIG. 18

Applicants: Daniel S. Kwoh et al.

Appl. No.: 09/223,431 File
For: APPARATUS AND METHODS FOR VOICE TITLES
Agent: Patrick J. Zhang Reg. No. 52,394 Explacement Sheet Docket No.: IS/082 Filed: December 30, 1998

ES Sheet 16 of 16 Express Mail No. EV371749665US

16/16

